

ELECTRONIC DEVICE FOR THE
RECORDING/REPRODUCTION OF VOICE DATA

ABSTRACT OF THE DISCLOSURE

An electronic device integrated in a chip of semiconductor material, and including a control unit, a signal-conversion unit, and a non-volatile memory unit, which are connected together via a main transmission line. The signal-conversion unit is designed to receive at an input an analog signal correlated to a voice signal, and to generate at an output a stream of appropriately compressed digital signals. The stream of compressed digital signals is stored in pre-set memory locations of the non-volatile memory unit according to the control signals generated by the control unit. During reproduction, the compressed digital signals stored in the non-volatile memory unit are supplied to the signal-conversion unit, which decompresses them and sends them to a speaker.

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